



AT-UHD-CLS0-612ED

Crestron™ Module

Version Information

Version	Release Date	Notes
1	04/17	This module controls power, switching, and multiple controllable setting values of the Atlona AT-UHD-CLSO-612ED.

Parameters

Name	Description
Telnet Username	Specifies the login username. Only required if login mode has been enabled in the WebGUI of the CLSO-612ED. Default is root.
Telnet Password	Specifies the login password. Only required if login mode has been enabled in the WebGUI of the CLSO-612ED. Default is Atlona.

Control

Signal Name	Description
Module_Enable	Pulse to select HDMI 1.
Device_Rx_\$	Pulse to select HDMI 2.
Poll_Enable	Pulse to select VGA.
Power_On	Pulse to turn unit on.
Power_Off	Pulse to turn unit off.
HDMI1_Input	Pulse to select indicated input.
HDMI2_Input	Pulse to select indicated input.
HDBT3_Input	Pulse to select indicated input.
HDBT4_Input	Pulse to select indicated input.
COMP5a_Input	Pulse to select indicated input.
CVBS5b_Input	Pulse to select indicated input.
SVID5c_Input	Pulse to select indicated input.
VGA5_Input	Pulse to select indicated input.
COMP6a_Input	Pulse to select indicated input.
CVBS6b_Input	Pulse to select indicated input.
SVID6c_Input	Pulse to select indicated input.
VGA6_Input	Pulse to select indicated input.
Input_Direct	Set to value 1~3 to represent the input to be sent to the output.
Vol_+	Pulse to increase volume. If latched, volume will continually increase.
Vol_-	Pulse to decrease volume. If latched, volume will continually decrease.
Vol_Level_Direct	Sets the value of the audio output level.
Vol_Mute_On	Pulse to mute audio.
Vol_Mute_Off	Pulse to unmute audio.
Mic_Gain +/-	Pulse to ramp mic gain up or down.
Mic_Gain_Direct	Use to set mic gain directly to a level.
Line_In_Gain +/-	Pulse to ramp Line gain up or down.
Line_In_Gain_Direct	Use to set Line gain directly to a level.
InputX_Gain +/-	Pulse to ramp input 1-6 gain up or down.
InputX_Gain_Direct	Use to set input 1-6 gain directly to a level.
Ducking On/Off	Pulse to turning microphone ducking on or off.

Signal Name	Description
Sense_Level	Use to set sense level for ducking. Range of -30d to -60d.
Reduce_Level	Use to set reduction level when ducking engaged.
Attack_Time_XXXms	Pulse to set attack time of ducker in ms.
Release_Time_XXXXms	Pulse to set release time of ducker in ms.
Output_Res_XXX	Pulse to set output resolution as indicated.
Output_Res_Direct	thru, 254 = Native. All others are 1-39 as counted on the digital list. Use to directly set the output resolution. 0 = passthru, 254 = Native. All others are 1-39 as counted on the digital list.
Pref_Timing+_XXX	Pulse to set preferred timing to resolution indicated.
VGA_Pref_Timing+_XXX	Pulse to set Block/Mosquito/Random_NR_XXX preferred VGA timing to resolution indicated.
Block/Mosquito/Random_NR_XXX	Pulse to set Block, Mosquito or Random noise reduction to Off, Low, Medium or High.
HDMI1~4_Input_HDCP_Mode_On/Off	Pulse to turn HDCP mode on/off for the indicated input.
Aspect_Ratio_XXX	Pulse to set aspect ratio as desired.
H_Position +/-	Pulse to change H Position +/- . Does not ramp.
H_Position_Direct	Use to set H Position directly to a level. Valid range is 0d to 40d.
Phase +/-	Pulse to change Phase +/- . Does not ramp.
Phase_Direct	Use to set Phase directly to a level. Valid range is 0d to 63d.
Audio Input[X]_Passthru	Pulse to set audio to passthru from native input[X].
Audio_Input[X]_Analog5	Pulse to assign Analog audio input 5 to Input [X]
Audio_Input[X]_Analog6	Pulse to assign Analog audio input 6 to Input [X].
Auto_Switch_On/Off	Pulse to turn auto-switching on/off
VGA_Auto_Switch_On/Off	Pulse to turn VGA auto-switching on/off. Note that Auto-switching must also be on to use.
OSD_Function_On/Off	Pulse to Turn the OSD function on/off.
OSD_Info_On/Off	Pulse to turn the OSD Info on/off. Note that OSD function must be on to use.
OSD_Menu_Sw/Up/Dn/Lt/Rt/Select/Info/Exit	Pulse to emulate front panel/remote control functions.
Front_Pnl_Lock/Unlock	Pulse to lock or unlock the front panel.
Factory_Reset	Pulse to restore the unit to factory defaults.
Fm_Comport_Zone3/4/8_Tx_	Allows for feeding comport Expansion Modules into this module. Zones 3 & 4 are the HDBaseT inputs, Zone 8 is the HDBaseT output.

Feedback

Signal Name	Description
Device_Tx_	Connect to RS232/IP client transmit.
Power_On_Fb	Power On feedback.
Power_Off_Fb	Power Off feedback.
HDMI1_Input_Fb	Input HDMI 1 is selected feedback
HDMI2_Input_Fb	Input HDMI 2 is selected feedback
HDBT3_Input_Fb	Input HDBT 3 is selected feedback
HDBT4_Input_Fb	Input VGA is selected feedback
COMP5a_Input_Fb	Input VGA is selected feedback
CVBS5b_Input_Fb	Input VGA is selected feedback
SVID5c_Input_Fb	Input VGA is selected feedback
VGA5d_Input_Fb	Input VGA is selected feedback
COMP6a_Input_Fb	Input VGA is selected feedback
CVBS6b_Input_Fb	Input VGA is selected feedback
SVID6c_Input_Fb	Input VGA is selected feedback
VGA6d_Input_Fb	Input VGA is selected feedback
Input_Direct_Fb	Feedback representing the selected input
Vol_Fb	Volume level feedback
Volume_Mute_On_Fb	Feedback representing mute being on
Volume_Mute_Off_Fb	Feedback representing mute being off
Mic_Gain_Fb	Feedback for mic gain.
Line_In_Gain_Fb	Feedback for line in gain.
InputX_Gain_Fb	Feedback for input gain.
Ducking_On/Off_Fb	Microphone ducking on or off feedback.
Sense_Level_Fb	Feedback for sense level.
Reduce_Level_Fb	Feedback for reduce level.
Attack_Time_XXXms_Fb	Attack time of ducker in ms feedback.
Release_Time_XXXXms_Fb	Release time of ducker in ms feedback.
Output_Res_XXX_Fb	Feedback of output resolution as indicated.
Output_Res_Fb	Feedback of directly set output resolution. 0 = pass-thru, 254 = Native.
Pref_Timing+_XXX_Fb	Feedback of set preferred timing at resolution indicated.

Signal Name	Description
VGA_Pref_Timing+_XXX_Fb	Feedback of set preferred VGA timing at resolution indicated.
Block/Mosquito/Random_NR_XXX_Fb	Feedback for Block, Mosquito or Random noise reduction indicating Off, Low, Medium or High.
HDMI1~4_Input_HDCP_Mode_On/Off_Fb	Feedback showing if HDCP mode is on/off for the indicated input.
Aspect_Ratio_XXX_Fb	Feedback showing selected aspect ratio.
H_Position_Direct_Fb	H Position feedback.
Phase_Direct_Fb	Phase feedback.
Audio Input[X]_Passthru_Fb	Feedback if passthru set on native input[X].
Audio_Input[X]_Analog5_Fb	Feedback if analog audio input 5 is set to Input [X].
Audio_Input[X]_Analog6_Fb	Feedback if analog audio input 6 is set to Input [X].
Auto_Switch_On/Off_Fb	Feedback if auto-switching is on/off.
VGA_Auto_Switch_On/Off_Fb	Feedback if VGA auto-switching is on/off.
OSD_Function_On/Off_Fb	Feedback if the OSD function is on/off.
OSD_Info_On/Off_Fb	Feedback if the OSD Info is on/off.
Fm_ComPort_Zone3/4/8_Enable	Tie to Comport Expansion modules to enable them when this module is ready for them.
Fm_ComPort_Zone3/4/8_RX_\$	Tie to ComPort Expansion modules for communication.

